

Docket number (Optional) Patent Number 37 CFR 1.501 CGV1764/CIP/DIV1 INFORMATION DISCLOSURE CITATION Applicant Group Art/Unit **IN A PATENT** Filing Date 151 (Use several sheets if necessa **U.S. PATENT DOCUMENTS EXAMINER** DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE INITIÁL 12/19/78 528/ AA Friedlander, Charles 28 1 3 0 B., et al Mueller, Karl F., et al AB 1 3 6 2 5 01/23/79 528 29 05/08/79 Deichert, William G.,, 260 AC 1 5 3 6 4 1 827 02/19/80 Deichert, William G., et AD 8 9 5 4 528 26 Ellis, Edward J. 3 2 8 01/03/84 526 279 ΑE 2 4 AF 4 4 3 3 1 2 5 02/21/84 Ichimobe, Shoji, et al 526 279 474 0 5 7 1 2 08/12/86 Mueller, Karl F., et al 525 AG AH 6 3 1 4 9 07/31/84 Ellis, Edward J. 526 279 6 2 2 Friends, Gary D., et al 526 279 ΑI 6 5 2 05/24/87 AJ 6 2 6 7 08/11/87 Ellis, Edward J., et al 526 245 6 8 **FOREIGN PATENT DOCUMENTS** CLASS **DOCUMENT NUMBER** DATE COUNTRY **SUBCLASS** TRANSLATION YES NO AK 30.08.89 Europe 3 3 0 6 1 5 5 AL 3 9 8 3 31.10.90 Europe AM 6 1 2 7 0 4 18.12.91 **Europe** AN 5 8 4 7 6 4 02.03.94 **Europe** 6 4 3 0 8 3 15.03.95 **AO** Europe OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) Role of Bulky Polysiloxanylalkyl Methacrylates in Oxygen-Permeable Hydrogel Materials, Yu-Chin Lai, Journal of Applied Polymer Science, Vol. 56, pgs. 31-324, 1995 Hydrogels Based on Hydrophilic Side-Chain Siloxanes, J. Kunzler and R. Ozark, AQ Journal of Applied Polymer Science, Vol. 55, pgs. 611-619, 1995 Novel Polyurethane-Silicone Hydrogels, Yu-Chin Lai, Journal of Applied Polymer AR Science, Vol. 56, pgs 301-310, 1995 DATE CONSIDERED **EXAMINER** 

Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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